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<212> DNA
<213> Pinus taeda

<400> 72
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tctaagaaga tagtaggaga taacaagcgg tcttgggaca acaaaatcaa gtgcgctttg 120
tgggcagata ggataactaa aaagaaagcc actggtaaaa gtccctttga acttgtctat 180
ggcatggatt tgacattaca tgcccatctt aaattactag cttaccaact ccttcaacat 240
ttttctagtg ataaaggtgt tgtccaaaac atggttgatc aaattgtgca gttggatgaa 300
atccgcagga aagattttga tagtgcaaaa atcagtctac cattaagaaa atctttgaca 360
aatcttctcg gtctagatat ttacaggttg gagatatggt tttactatgg attccacc    418


<210> 73
<211> 416
<212> DNA
<213> Pinus taeda

<400> 73
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tctccacatt aggttggcct gatcccttgc ctgcacttgc agcttgtctt acaacatctc 120
ctatgctttg atccaggctt ttcactgaca taacttcagg ggcttccttc tcccagggcc 180
gtgctgccat ccagcgttct agccagctcc atccccaatt tggcttgttt gggtcaattt 240
ccatcagcat aggatgagct gctcctcgtg tgcttttcaa tgactgatga gaatatgcgt 300
tatgccaatg cccttttctcg cttcatggct gcttcttgct tgctttgcaa actagcctca 360
atttcctctt tggattgcaa ctgtcatcca atcctttgct tccatactgg atccac       416


<210> 74
<211> 346
<212> DNA
<213> Pinus taeda

<400> 74
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cttaaaagct agactccgca agtgacccTT ctgacttagt acacatatta agactcatca 120
agggtccaat tccatgaaaa gaaattttaa aacggttaca tattcacaag aacagcacga 180
gatttcccag atagtcaacc accaacttgc cctatcagcc caaatattac tcattccatg 240
ttaaaaatag caaatttcca gatagaatgt cgaaagagat cttcatgcac catatatgga 300
ctcttaaaac cagccaaaat ctatactgcc atgcttggat cgcacc              346


<210> 75
<211> 346
<212> DNA
<213> Pinus taeda

<400> 75
ggtgcgatcc tggagagaga agcaaaaagc ctaccatcta aatctacatt ctaaatcaga 60
tatctttact gtgaaaggaa ttgaatgctg cttcagatat cctacaagaa ttaagaagaa 120
aagaatgatc aactccaaat caggcagatg gctcagaatt cccgcagct tcattttcga 180
cggcctccac aacaccaacc tcggcaggac gtattactct gccatgaagt gtatagccag 240
gcttcaaaac cacagccaca ctgccaggct gcttactagc atcttgaact tgagatactg 300
ccatgttgca tatgaggatc aaactcttca tttattggat cgcacc              346


<210> 76
<211> 286
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<212> DNA
<213> Pinus taeda

<400> 76
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atttgcttgc ataatttttg aactggctac aggtgatatg ttatttgatc ctcagagtgc 120
agaaggttat gaccgcgatg aggaccacct tgccctgatg atggagcttc ttggaaaaat 180
acctcgtaag atcgccttag gtgggagcta ttcacgggaa cttttgaca ggcatgggga 240
tttaaagcac attagacggc ttcggtattg gcccttggat cgcacc          286


<210> 77
<211> 395
<212> DNA
<213> Pinus taeda

<400> 77
ggtgcgatcc taaactgtat gtctccacaa ttgtcttcaa tatagaagca gctacgcccc 60
tcctaagtca tcataagtta aaaacttcat ctttccaata caattaaact atctagctta 120
tcagtttgga atagagatac aaaattacag atagattagc gaaactgtgc cacaaaacct 180
cttcaaaatt agaagcatga ttgtctacaa ctccacttca aaaaggagct gaaccagtcc 240
ttcgaagggt gtgctttggt tgtggtggag gtacagaagg cagcaatttc tccaagaact 300
gctgtttttt tagcctctca ttctcctctt taagctgcat cacttcattc tctagctcat 360
ttgtgtatgc ctgctttctt gccctggatc gcacc                   395


<210> 78
<211> 308
<212> DNA
<213> Pinus taeda

<400> 78
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cagaaggttc agcaacttag agagtcaact tcgagttaag gagggcggga gcaattggca 120
gattcttcca aatttgtcaa gatctcttgg catgagatga ccttatagga tgttaaggag 180
caagaggatt ctaggaataa tgccaaggat aataagacta aaaggatgct tcaagaccag 240
gtggcaagga aggcttctaa ttcaaaggga gttagcaacg gcaacagatg caattctagg 300
atcgcacc                                              308


<210> 79
<211> 307
<212> DNA
<213> Pinus taeda

<400> 79
ggtgcgatcc tagaattgca tctgttgccg ttgctactcc ctttgaatta gaagccttcc 60
ttgccacctg gtcttgaagc atcctttag tcttattatc cttggcatta ttcctagaat 120
cctcttgctc cttaacatcc tataaggtca tctcatgcca agagatcttg acaaatttgg 180
aagaatctgc caattgctcc cgccctcctt aactcgaagt tgactctcta agttgctgaa 240
ccttctgagc tacctgttct ttgttttcta tcattgcttt tctttgtgcc atcactcgga 300
tcgcacc                                               307


<210> 80
<211> 521
<212> DNA
<213> Pinus taeda
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<220>
<221> modified_base
<222> (391)
<223> a, t, c, g, other or unknown

<220>
<221> modified_base
<222> (428)
<223> a, t, c, g, other or unknown

<220>
<221> modified_base
<222> (433)
<223> a, t, c, g, other or unknown

<220>
<221> modified_base
<222> (443)
<223> a, t, c, g, other or unknown

<220>
<221> modified_base
<222> (471)
<223> a, t, c, g, other or unknown

<220>
<221> modified_base
<222> (494)
<223> a, t, c, g, other or unknown

<220>
<221> modified_base
<222> (497)
<223> a, t, c, g, other or unknown

<220>
<221> modified_base
<222> (512)
<223> a, t, c, g, other or unknown

<400> 80
atctagatca tcgatcttgt ccaaatttta actagtgaat agttttaaaa aaaagcaact 60
agcagaagag aacctaacca ctgacaaatt gcaaatactc tagaacacta ttcatcattt 120
tttgcgattc acgctggacc cacaagaacc ccttgagctg aactttcttt tcgttctccc 180
tccttttgga tcgcaccatc tagaccatcg atcttgtcca aattttaact agtgaatagt 240
tttaaaaaaa agcaactagc agaagagaac taaccactga caaattgcaa atactctaga 300
acactattca tcattttttg cgattcacgc tggaccacaa gaactcttga gctgaatttc 360
ttttcgtctc ctccttttgg attggacatc naatcctgca gccggggatt catattctta 420
acggcgcncg cgnggactcc atnccccata tgatcttttc atcctggcgc ntttaactct 480
gaagggaaac cggnttnccc ttatccctgg anatcccttc c                    521


<210> 81
<211> 163
<212> DNA
<213> Pinus taeda
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